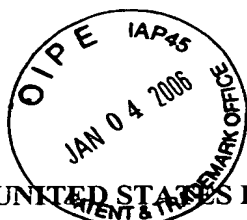


Docket No. 280284US0PCT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Arno LANGE, et al.

SERIAL NO: 10/556,808

GAU:

FILED: November 15, 2005

EXAMINER:

FOR: METHOD FOR PRODUCING CARBOXYL-TERMINATED POLYISOBUTENES

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

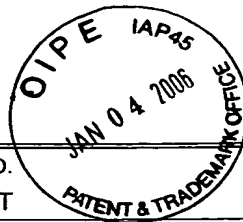
Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
280284US0PCTSERIAL NO.  
10/556,808

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Arno LANGE, et al.FILING DATE  
November 15, 2005

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4 076 738	02/28/78	PECORARO			
	AB	3 427 351	02/11/69	NAKAGAWA et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	0 384 086	08/29/90	EP		NO
	AP	01/55229	08/02/01	WO		NO
	AQ	0 123 424	10/31/84	EP		NO
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	KWON et al. "Synthesis and Characterization of Poly(isobutylene-b-pivalolactone) Diblock and Poly(pivalolactone-b-isobutylene-b-pivalolactone) Triblock Copolymers", Macromolecules, vol. 35, pages 3348-3357 2002				
	AX	NEMES et al. "Oxyethylation and carbonation of telechelic polyisobutylene anions", Polymer Bulletin, vol. 24, pages 187-194 1990				
	AY	STOREY et al. "Synthesis and Characterization of beta, beta-Dimethyl-Branched Carboxylic Acid-Terminated Polyisobutylenes", Polym. Prepr., vol. 38, no. 2, pages 283-284 1997				
	AZ				<input type="checkbox"/> Additional References sheet(s) attached	

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. PCT Application Serial No.: 10/556,808  
Docket No.: 280284US0PCT

#### STATEMENT OF RELEVANCY

1) References AA, AO, AP have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.

2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.

3) References AB, AQ, AW-AY are discussed in the specification. A copy of these references is being submitted here with.

4) References \_\_\_\_\_ are additional prior art known to Applicant. A copy of these references is being submitted herewith.